

Catalog Number C34551
Product Name CellTracker™ Orange CMRA *special packaging*
Appearance pink solid
Lot Number 2445369

	LOT DATA	SPECIFICATION
Absorption¹ Maximum Extinction	348 nm 6300 cm ⁻¹ M ⁻¹	348 ± 3 nm 6100 ± 700 cm ⁻¹ M ⁻¹
Fluorescence^{2,3,1} Background	179 ppm	≤ 250 ppm
HPLC Purity	82 % at 254 nm	≥ 80 % at 254 nm
HPLC⁴ Result	meets specification	corresponds to expected molecular weight
Miscellaneous Information Material Lot Number	2296804	n.a.

1. Solvent: Acetonitrile
2. Ref: cleaved product, Ex @ 544 nm, Em @ 572 nm.
3. Method: Background vs. Reference
4. Method: Standard LCMS



Rachel Smith, Quality Assurance Manager
 13-Jan-2022

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.